

Cluster – Manufacturing
Pathway – Maintenance, Installation & Repair
Program of Study – Industrial Equipment Maintenance

Sample Plan of Study

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Smart Core	English I or Pre-AP	English II or Pre-AP	English III or AP	English IV or AP
	Algebra I or Geometry	Geometry or Algebra II	Algebra II or Trigonometry Pre- AP Calculus	AP Calculus College Algebra AP Statistics
	Physical Science	Biology Pre-AP Chemistry Applied Biology/Chemistry	Chemistry Physics Principles of Technology	AP Biology AP Chemistry AP Physics Earth & Space Science
	Civics	World History	US History	Economics
Foundation Courses Career Orientation Computer Technology Keyboarding Graduation Requirements English 4 units Math 4 units Science 3 units Social Studies 3 units Fine Arts ½ unit Health and Safety ½ unit Oral Communication ½ unit Physical Education ½ unit Career Focus 6 units Arkansas Challenge Foreign Language 2 units		Program of Study Support Courses EAST/Workforce Technology Internship Workplace Readiness Support Courses Foreign Language Word Processing or Computer Business Applications (CBA) Extended Learning Opportunities SkillsUSA Job Shadowing	Industrial Equipment Manufacturing Core Courses Industrial Equipment Maintenance I Industrial Equipment Electives Industrial Equipment Maintenance Lab Industrial Equipment Maintenance II Industrial Equipment Industry Certifications Related Programs of Study Welding Machine Tool Technology	
Postsecondary Opportunities				
Major		Postsecondary School		Certificate/Degree Program
Appliance Service		ASU Beebe, ASU Newport		Certificate
Industrial Equipment Maintenance		OTC Malvern UA Monticello SACC El Dorado		Certificate
Industrial Maintenance		SAUT Camden, NAC Harrison		Certificate
Industrial Technology- Mechanical/Machine Tool/Multicraft		UACC Hope		Certificate
Industrial Maintenance Tech		EACC Forrest City NPCC Hot Springs		Certificate
Industrial Maintenance Tech		BRTC Pocahontas EACC Forrest City		Associate's
Industrial Technology		CCCUA DeQueen, ASU Mtn. Home, MSCC West Memphis, PCCUA Helena, SAUT Camden, UACC Morrilton		Certificate
Industrial Technology		UA Monticello & Pine Bluff, ANC Blytheville, ASU Beebe ASU Mtn. Home, PCCUA Helena, PTC North Little Rock, SACC El Dorado, SAU Magnolia, UACC Morrilton SAUT Camden		Associate's

Industrial Technology	SAU Magnolia, UA Pine Bluff UCA Conway	Bachelor's Bachelor's, Master's
Industrial Equipment Maintenance Technology	SACC El Dorado OZC Melbourne PTC North Little Rock	Certificate
Industrial Maintenance- Apprenticeship	North Central Industrial Maintenance Apprenticeship	USDOL Certificate of Completion
Industrial & Mechanical Technology	SEAC Pine Bluff	Certificate, Associate's
Industrial & Technical Education	UA Fayetteville	Bachelor's
Industrial Automation	UA Ft. Smith	Certificate
Industrial Control Electronics	NPCC Hot Springs	Certificate
Industrial Controls Technology	SACC El Dorado	Certificate
Industrial Electrical Systems	ANC Blytheville	Certificate
Industrial Electricity	SEAC Pine Bluff, UACC Hope	Certificate
Industrial Electronics & Electricity	UA Ft. Smith	Certificate
Industrial Electronics Technology	ANC Blytheville OTC Malvern, SACC EL Dorado	Associate's Certificate
Industrial Equipment	PCCUA Helena	Certificate
Industrial Equipment Machinery	SACC El Dorado	Certificate
Industrial Equipment Repair	UA Monticello	Certificate
Industrial Equipment Technology	PTC North Little Rock, OZC Melbourne	Certificate
Industrial Instrumentation	ASU Beebe	Associate's
Industrial Machining	ANC Blytheville	Certificate
Industrial Management	SAU Magnolia UA Fayetteville, UA Little Rock	Associate's Bachelor's
Industrial Management Systems	ANC Blytheville	Certificate, Associate's
Industrial Mechanical Systems	ANC Blytheville	Certificate
Industrial Plant Maintenance	ATU Russellville	Certificate, Associate's
Industrial Processes Technology	PCCUA Helena, UA Monticello	Certificate
Industrial Process Technology	SACC El Dorado	Associate's
Industrial Skills Technology	SEAC Pine Bluff	Certificate
Industrial Systems Technology	ATU Russellville	Associate's
Industrial Technologies	SAUT Camden	Associate's
Industrial Technology Mechanical	NAC Harrison, SAUT Camden, UACC Hope	Certificate
Industrial Technology Electrical	NAC Blytheville, SAUT Camden, UACC Batesville	Certificate
Management of Industrial Technology	NPCC Hot Springs	Associate's
Marine Repair Technology	NPCC Hot Springs	Certificate